

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

| | |
|------------------------|--------------------|
| Application Number | 10/608,594 |
| Filing Date | 06/27/2003 |
| First Named Inventor | Stephen G. Perlman |
| Art Unit | 2616 |
| Examiner Name | Mills, Donald L |
| Attorney Docket Number | 08258.P007C |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | | US- 7,072,627 | 07/04/2006 | Coffin, III | |
| | | US- 5,608,412 | 03/04/1997 | Welles, II | |
| | | US- 6,160,993 | 12/12/2000 | Wilson | |
| | | US- 2002/0154055 | 10/24/2002 | Davis | |
| | | US- 6,347,216 | 02/12/2002 | Marko | |
| | | US- 5,890,055 | 03/30/1999 | Chu, et al. | |
| | | US- 6,148,142 | 11/14/2000 | Anderson | |
| | | US- 6,263,503 | 07/17/2001 | Margulis | |
| | | US- 5,815,146 | 09/29/1998 | Youden, et al. | |
| | | US- 6,886,029 | 04/26/2005 | Pecus, et al. | |
| | | US- 6,188,571 | 02/13/2001 | Roganti, et al. | |
| | | US- 2002/0106119 | 08/08/2002 | Foran, et al. | |
| | | US- 2003/0079016 | 04/24/2003 | Tsao, et al. | |
| | | US- 2003/0234804 | 12/25/2003 | Parker, et al. | |
| | | US- 2002/0068592 | 06/06/2002 | Hutcheson, et al. | |
| | | US- 2002/0038459 | 03/28/2002 | Talmola, et al. | |
| | | US- 6,968,153 | 11/22/2005 | Heinonen, et al. | |
| | | US- 2002/0181189 | 12/05/2002 | Yang, et al. | |
| | | US- 6,650,869 | 11/18/2003 | Kelly, et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | JP 2001244864 | 09/07/2001 | Hitachi Ltd. | | ✓ |
| | | JP 2001111575 | 04/20/2001 | Matsushita Electric | | ✓ |
| | | WO 00/50971 | 08/31/2000 | LAU, Kam, Y. | | ✓ |
| | | EP 1 094 642 A2 | 25/04/2001 | Hughes, Philip Thomas | | ✓ |
| | | WO 02/078369 A1 | 10/03/2002 | Srikrishna Devebhaktuni | | ✓ |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|--------------------|
| Application Number | 10/608,594 |
| Filing Date | 06/27/2003 |
| First Named Inventor | Stephen G. Perlman |
| Art Unit | 2616 |
| Examiner Name | Mills, Donald L |
| Attorney Docket Number | 08258.P007C |

Sheet 2 of 3

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|---|--------------------------------|--|---|
| | | US- 5,408,679 | 04/1995 | Masuda, Hajime | |
| | | US- 5,129,096 | 07/1992 | Burns, Christopher A. | |
| | | US- 6,684,058 | 01/2004 | Karacaoglu et al. | |
| | | US- 6,132,306 | 10/2000 | Trompower, Michael L. | |
| | | US- 5,058,199 | 10/1991 | Grube, Gary W. | |
| | | US- 5,640,386 | 06/1997 | Wiedeman, Robert A. | |
| | | US- 5,732,076 | 03/1998 | Ketseoglou et al. | |
| | | US- 6,614,768 | 09/2003 | Mahany et al. | |
| | | US- 4,539,706 | 09/1985 | Mears et al. | |
| | | US- 2003/0181229 | 09/2003 | Forster et al. | |
| | | US- 5870665 | 02/09/1999 | Barrett, et al. | |
| | | US- 2006/0098592 | 05/2006 | Proctor Jr. et al. | |
| | | US- 2003/0124977 | 07/2003 | Smith et al. | |
| | | US- 6,925,285 | 08/2005 | Kim, Jae-Geun | |
| | | US- 5,654,747 | 08/05/1997 | Ottesen et al. | |
| | | US- 5,222,246 | 06/22/1993 | Wolkstein | |
| | | US- 7,289,478 | 10/2007 | Kim et al. | |
| | | US- 5,509,028 | 04/16/1996 | Marque-Pucheu Gerard | |
| | | US- 2002/072329 | 06/13/2002 | Bandeira at all. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|--|--------------------------------|--|---|----------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **3** of **3****Complete if Known**

| | |
|------------------------|--------------------|
| Application Number | 10/608,594 |
| Filing Date | 06/27/2003 |
| First Named Inventor | Stephen G. Perlman |
| Art Unit | 2616 |
| Examiner Name | Mills, Donald L |
| Attorney Docket Number | 08258.P007C |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | | US- 6,811,113 | 11/02/2004 | Silansky, et al. | |
| | | US- 2003/0216144 | 11/20/2003 | Roese, et al. | |
| | | US- 6,092,117 | 07/19/2000 | Gladwin, et al. | |
| | | US- 6,728,541 | 04/27/2004 | Ohkura, et al. | |
| | | US- 6,671,186 | 12/2003 | Kopf, Dale R | |
| | | US- 6,757,913 | 06/2004 | Knox, Gregory D. | |
| | | US- 6,856,786 | 02/2005 | Belostotsky et al. | |
| | | US- 6,745,050 | 06/2004 | Forsythe et al. | |
| | | US- 6,690,926 | 02/2004 | Tawil et al. | |
| | | US- 6,379,038 | 05/2002 | Green et al. | |
| | | US- 6,850,285 | 02/2005 | Eaton et al. | |
| | | US- 2004/0094194 | 05/2004 | Aldoretta et al. | |
| | | US- 2002/0071658 | 06/2002 | MARKO et al. | |
| | | US- 6,404,775 | 06/2002 | Leslie et al. | |
| | | US- 6,845,090 | 01/2005 | Takabatake et al. | |
| | | US- 2004/0094194 | 05/2004 | Aldoretta et al. | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Examiner
Signature

Date

Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|--------------------|
| Application Number | 10/608,594 |
| Filing Date | 06/27/2003 |
| First Named Inventor | Stephen G. Perlman |
| Art Unit | 2618 |
| Examiner Name | Mills, Donald L |
| Attorney Docket Number | 08258.P007C |

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-----------------------|--------------------------|---|----------------|
| | 1 | JACK BOULWARE, "Power Houses", Wired Nov 2002, Issue 10.11, (electronic copy, 11 pages), Wired Digital, Inc., US | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.